

DUFF-NORTON LIFTING JACKS

SPEED CONTROLLED JACKS



5265-BB

Large head — Foot lift — 35-50-100 tons. High-speed, self lowering. Furnished with steel operating lever-pry bar 1 1/8 inch x 50 inches for 35 ton; others with 1 3/16 inch x 60 inch levers. Small head — 75-100 tons. High-speed, self lowering. Furnished with steel operating lever-pry bar 1 3/16 inch x 60 inches.

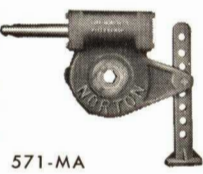


7263-C

Jack No.	Capacity Tons	Height Inches	Raise Inches	Base Diam. Inches	Head Diam. Inches	Foot Lift Height Inches	Weight Pounds
3265-BB	35	26	14	12	6 3/4	3 3/4	178
5265-BB	50	26	14 1/2	14	10	4 1/4	292
1265-BB	100	26	12	13 3/4	10	4 1/2	412
7263-C	75	26	14	13 3/4	6 3/4	—	383
1263-C	100	26	13 1/2	13 3/4	7 1/4	—	402

MOTOR ATTACHMENT

571-MA — Converts all speed controlled self-lowering jacks to motor operation by use of rotary air or electric drill motors. (1 1/2 inch to 2 inches drill size). When ordering, specify by model number which Duff-Norton jack is to be converted.



571-MA



2X12

BELL BASE SCREW JACKS

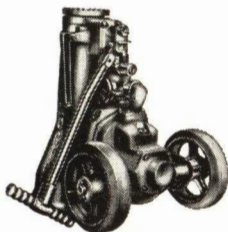
Easy-operating, safe, sturdy jack screws with an extra heavy base, solid all the way around to prevent mud and sand from entering the jack mechanism. One-piece selected steel screw has drop-forged steel head fitted with serrated steel top. Capacities 12 to 20 tons; closed heights 10 3/4 inch to 15 3/4 inch; raises 6 inches to 9 inches.



825

TRAVERSING JACK

S-825 — Capacity, 35 tons; height, 24 inches; raise 10 1/2 inches; horizontal travel, 12 3/8 inches; base, 9 1/4 inches x 22 5/8 inches; head diameter, 4 1/2 inches; weight, 139 lbs.
A strong horizontal load-moving jack for derauling railway locomotives and cars, and for rigging and industrial service where combined horizontal moving and lifting are required. Steel operating lever 1 5/16 inch x 54 inches long, is also a carrying handle.



126-RX

AIR MOTOR JACKS

Screw jacks operated by rotary air motor—save time and labor—lower operating costs. Will not exceed safe limit of raise, lower automatically. One man can operate two jacks simultaneously by means of "Y" connection. The "Y" consists of two 20-ft. sections of 3/4 inch hose with necessary ends, couplings, clamps and "Y" valves. Available at extra cost.

Jack No.	Capacity Tons	Height Inches	Raise Inches	Base Dia. Inches	Head Dia. Inches	Weight Pounds
228-R	20	18	18	12	4	238
326-R	35	26	14 1/4	14	4	258
528-RX	50	28	17	14	5	370
536-RX	50	36	25	15	5	425
126-RX	75-100	26	13 3/4	13	6 3/4	448
144-RX	75-100	44	30	18	6 3/4	530

PUSH AND PULL JACKS



828

Equipped with hinged hooks. Widely used in construction work, in industrial plants and railroads, for straightening and aligning works. Two models, 8 and 10 ton capacities; 28 inch and 40 inch in length.



1024

Designed for pushing apart or pulling together structural members, walls, machinery and equipment. Available in 10 and 15 ton capacities; 24 inches, 28 inches and 38 inches in length.

Jack No.	Capacity Tons	Diameter of Screw Inches	Length Overall Inches	Weight Pounds
1024	10	2	24	46
1029	10	2	28	50
1538	15	2 1/2	38	97
* 828	8	1 1/2	28	55
* 1040	10	1 3/4	40	70

*Jacks listed above are standard. However, this type jack can be furnished in greater lengths. Price on request.

TRENCH BRACES



1001

For bracing the sheeting which forms the sides of trenches of various sizes. Two-way lever nut regularly furnished. Three-way nut, for working in close quarters where a two-way nut cannot be used, may be furnished alternately at no extra cost. Available in lengths (closed) from 16 inches to 60 inches.

MINE ROOF and TIMBERING JACKS — FITTINGS



MR-8

For cross timbering, mine roof support, and protection of working face area. Standard type (left) available as complete unit in 8 and 16 ton capacities; heights from 30 inches to 72 inches. Tailor-made type (right) includes top and base fittings which attach to 2 inch pipe, cut to required height on the job; 8 and 16 ton capacities — pipe not furnished.



MR-80



2825

GOVERNOR-CONTROLLED JACKS

Governor-controlled, self-lowering — these jacks will not twist under load, will not exceed safe limit of raise. Furnished with steel operating lever.

Jack No.	Capacity Tons	Height Inches	Raise Inches	Base Dia. Inches	Head Dia. Inches	Weight Pounds
2825	25	28	15 3/4	12	4	175
2835	35	28	15 3/4	12	4	190
2650	50	26	13 1/2	14	5 1/2	238
2850	50	28	15 1/2	14	5 1/2	240

123-1-60

DUFF-NORTON

RAM-PAC HYDRAULIC RAMS



RC-20-H-11.7



RC-10-H-4.5



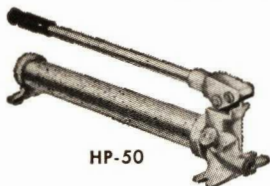
RC-30-H-4.5-2

12 Rams — 10 to 100 tons capacity

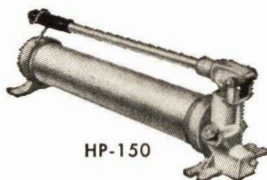
The Duff-Norton Ram-Pac line of twelve rams has been designed to give you more travel for the same closed height than other rams now available. They also have fewer parts which reduces maintenance. All rams are made of high-strength material. The AH Model rams feature a special bleeder valve which locks the load and makes it possible to lower load at the ram. "Grit Guard" eliminates danger of foreign material entering ram.

Model No.	Capacity (Tons)	Closed Ht. (In.)	Extended Ht. (In.)	Base Size (In. Dia.)	Plunger Dia. (In.)	Oil Capacity (Cu. In.)	Weight (Lbs.)	Working Pressure (PSI)
RC10H4.5	10	4 1/2	7 1/2	2 3/8	1 1/2	7.22	5 1/4	9650
		5 1/2 w/head	8 1/2 w/head					
RC10H11.7	10	11 1/2	17 1/2	2 3/8	1 1/2	16.25	11 1/4	9650
RC20H11.2	20	11 1/4	16 3/4	3 3/8	2 1/2	39.25	21 1/4	9050
RC30H4.5-2	30	4 1/2	6 1/2	3 3/8	2 1/2	16.25	13 1/2	9250
RC30H10	30	10	16	4	2 5/8	52.25	27	9250
RC50H4.7	50	4 3/4	6 3/4	5	3 1/2	24.4	25	9055
RC50H11	50	11	17 1/2	5	3 1/2	92.77	49 1/2	9055
RC100H11	100	11	16	7	4 1/2	144.4	95	9695
30AH7.5	30	7 1/2	11	5 x 7	4 1/2	25	36	8400
30AH10	30	9 1/2	15 1/2	5 x 7	4 1/2	43	46	8400
30AH14.5	30	14 3/8	24 3/8	5 x 7	4 1/2	75	60	8400
30AH28	30	28	48	8 x 11	4 1/2	143	146	8400

RAM-PAC PUMPS



HP-50



HP-150

5 Models — 2 hand — 3 power

HP-50 single-speed and HP-150 two-speed hand pumps require less effort and fewer strokes because of a high mechanical advantage and longer plunger stroke per inch of rise.

HAP-200 — Ram-Pac air hydraulic pump actuated by air pressure of 85 to 110 psi with only 15 cu. ft. of air per minute.

HEP-250 — Ram-Pac electric pump is driven by 3/4 HP 115-250 volt motor. Designed for fast operation of all Ram-Pac Rams.

HGP-250 — Ram-Pac gasoline pump is powered by a 2-BHP gasoline engine. Pump portion of the unit identical with HEP-250.

Pump Model No.	Oil Cap. (Cu. In.)	Max. Working Pressure (PSI)	Handle Length Inches	Length Inches	Width Inches	Height Inches	Weight Pounds
HP-50	50	10,000	20	24	5 5/8	5 5/8	12 1/2
HP-150	150	10,000	20	25	7	7	28
HAP-200	231	10,000	—	—	23x20 with buggy	48 with buggy	160
HEP-250	346.5	10,000	—	—	10 1/2 Dia.	18 1/2	100
HGP-250	346.5	10,000	—	—	10 1/2 Dia.	19	91

COMPLETE RAM-PAC UNITS

Each Ram-Pac unit includes a ram, ram half quick connect coupling, six feet of high pressure hose, hose half quick connect coupling and pump.

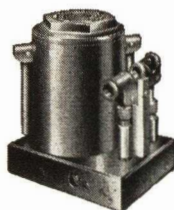
PR-10-H-4.5 — Low height, 10-ton unit	PR-30-H-4.5-2 — Low height, 30-ton unit
PR-10-H-11.7 — Ten-ton unit	PR-30-H-10 — Thirty-ton unit
PR-20-H-11.2 — Twenty-ton unit	PR-50-H-4.7 — Low height, 50-ton unit
	PR-50-H-11 — Fifty-ton unit

HY-POWER HYDRAULIC JACKS



12-H-9

All 3 to 12 ton models (left) have extension screws which can be run up by hand to load height. 30-H-11, 50-H-12 and 100-H-12 models have dual pumps—which bring head quickly to load height.



50-H-12

Jack No.	Capacity Tons	Closed Height Inches	Power Raise Inches	Extension Screw	Total Height Inches	Head Diam. Inches	Base Size Inches	Handle Length Pounds	Weight Pounds
3-H-9	3	8 1/2	6	3 1/2"	18	1 1/8	3 1/2 x 6 1/2	33 1/2	13
5-H-9	5	9	6 1/4	4"	19 1/4	1 1/8	4 1/4 x 7 1/8	33 1/2	19
8-H-9	8	9	6 1/4	4 1/4"	19 1/2	1 1/2	4 1/4 x 7 1/8	33 1/2	22
12-H-9	12	9 1/4	5 1/2	3 3/4"	18	1 1/4	4 1/4 x 8 3/8	23 1/2	28
20-H-11S	20	10 3/4	7 1/4	None	18 1/2	2 1/4	5 1/2 x 7	23 1/2	40
25-H-7.5	25	7 1/2	4	None	11 1/2	2 1/2	5 x 7	27 1/2	35
26-H-9.3	25	9 3/8	6	None	15 1/2	2 1/2	5 x 7	27 1/2	38
30-H-11	30	11	7	None	18	3	6 x 8 1/2	20	66
35-H-7.7	35	7 3/4	4	None	11 1/2	2 3/8	6 x 8	23 1/2	51
35-H-9.7	35	9 3/4	6	None	15 1/2	2 3/8	6 x 8	23 1/2	55
50-H-12	50	12	7	None	19	3 3/4	7 1/2 x 10	20	123
100-H-12	100	12	6 1/2	None	18 1/2	5	9 1/2 x 12	20	225

RATCHET LOWERING JACKS



514-MT

Capacities from 5 to 20 tons. All 5-ton models (left) furnished with double round sockets and steel operating lever 1 inch x 30 inches long; 10-ton (right) and 15-ton models have lever 1 1/4 inch x 62 inches long; 20-ton jack has single round socket and steel operating lever 1 1/4 inch x 62 inches long.



1022

Jack No.	Capacity Tons	Height Inches	Raise Inches	Base Inches	Head Inches	Foot Lift Height Inches	Weight Pounds
514-MT	5	14	7 1/2	5 1/4 x 7 1/4	2 1/2 x 2 1/2	1 1/2	31
516-MT	5	16	9 1/2	5 1/4 x 7 1/4	2 1/2 x 2 1/2	1 1/2	34
521-MT	5	21	14 1/2	5 1/4 x 7 1/4	2 1/2 x 2 1/2	1 1/2	41
1017	10	17 1/4	9	7 x 10 1/4	3 x 3	2 1/4	55
1020	10	20	10 1/2	7 x 10 1/4	3 x 3	2 1/4	59
1022	10	22	12 1/2	7 x 10 1/4	3 x 3	2 1/4	65
1522	15	22	11 1/2	8 x 11	3 x 3 1/2	2 1/2	82
1528	15	28	17 1/2	8 x 11	3 x 3 1/2	2 1/2	96
2028	20	28	18	8 x 11	3 x 3 1/2	2 1/2	103

GEARED RATCHET LOWERING JACK

29-A — Capacity, 25 tons; height, 27 3/4 inches; raise, 15 1/4 inches; base diameter, 12 inches; head, 3 1/2 inches x 3 3/4 inches; weight, 170 lbs. Single acting. All gears and moving parts are machine cut and heat treated. Furnished with round wooden operating lever 3 1/16 inches x 66 inches long.



29-A



1523

4-WAY RATCHET LOWERING JACK

1523 — Capacity, 15 tons; height 23 inches; raise, 12 1/2 inches; base 7 1/2 inches x 10 3/4 inches, head 2 3/4 inches x 4 inches; weight, 70 lbs. Furnished with steel operating lever 1 1/4 inch x 60 inches long.

LIFTING JACKS

CABLE REEL JACKS

520-CR - Screw jack for reels 42 inches to 60 inches dia.
530-CR - Screw jack for reels 60 inches to 90 inches dia.
524-MCR Ratchet jack for reels 20 inches to 60 inches dia.
-Furnished with double round sockets and steel operating lever 1 inch x 30 inches.
1030-CR - Ratchet jack for reels 20 inches to 84 inches dia.
Furnished in left and right hand pairs, single round sockets with operating levers 1 1/4 inch x 60 inches. Solid oak "T" frame base.
1022-CR - Ratchet jack for reels 25 inches to 90 inches dia.
Furnished with single round socket and steel operating lever 1 1/4 inch to 60 inches.

Jack No.	Capacity Tons	Height In.	Raise In.	Base Inches	Weight Pounds
520-CR	5	20	11 1/2	12 1/2 x 26 1/2	66
530-CR	5	30	16 1/2	15 1/4 x 39 1/2	90
524-MCR	5	23 3/4	14	8 3/4 x 18	68
1030-CR	10	30	14	—	112
1022-CR	10	38	12	9 3/4 x 24	103



530-CR



524-MCR



1030-CR



1022-CR



117

TRACK JACKS

All genuine Barrett track jacks are furnished with single square socket without lining bar. Round socket and wooden operating lever may be furnished (27 1/8 inches x 48 inches long) at extra cost.



517-BA

Jack No.	Capacity Tons	Height Inches	Raise Inches	Base Inches	Head Inches	Foot Lift Height Inches	Weight Pounds
*117A	15	22	12	6 1/2 x 11	3x3	2	46
117	15	22	13	6 1/2 x 11	3x3	2	66
217	15	16 1/2	7 1/2	6 1/2 x 11	3x3	2	52
†517B	15	11 1/2	5	6 1/2 x 10 1/4	—	2	45
†*517BA	15	11 1/2	5	6 1/2 x 10 1/4	—	2	31
617	15	28	18 1/2	7 x 12	3x3	2	81
1-A	15	22	13	6 1/2 x 11	3x3	2	60
110	15	22 1/4	13	6 1/2 x 11	3x3	2	62

*Aluminum †Broad Toe

JOURNAL JACKS

Aluminum - 25-35-50-100 Tons. Are 25% lighter than regular models. All furnished with steel operating lever-pry bar 1 1/8 inch dia. in lengths: 36 inches for 25 and 35 ton; 48 inches for 50 ton; 60 inches for 100 ton. (A-Series)
Malleable - 15-25-35-50 Tons. All furnished with steel operating lever-pry bar 1 1/8 inch dia. in lengths: 28 inches for 15 ton; 36 inches for 25 and 35 ton; 48 inches for 50 ton.



Jack No.	Capacity Tons	Height Inches	Raise Inches	Base Dia. Inches	Head Dia. Inches	Weight Pounds
1507	15	7	2 1/2	4 3/4	2 1/2	22
111-C-2	15	10	5	4 3/4	2 1/2	26
2509-C-2	25	9	4 1/2	5 1/2	3	37
2510-C-2	25	10	5	5 1/2	3	38
2510-A-2*	25	10	5	5 1/2	3	29
3510-C-2	35	10	5	5 1/2	3 3/4	48
3510-A-2*	35	10	5	5 1/2	3 3/4	35
5010-A-2*	50	10	4 1/2	7 1/4	4	48
5050-C-2	50	10	4 1/2	7 1/4	4	64
100-A-12*	100	12	4	8 3/4	5	98

*Aluminum

POLE PULLING JACK

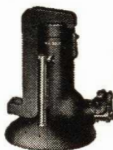
500 - Capacity, 15 tons; height, 37 1/2 inches; raise 23 inches; base, 10 inches x 24 inches; weight, 230 lbs. To pull, move, or straighten poles. Furnished with steel operating lever 1 1/4 inch x 66 inches long.



500

SCREW JACKS

5017 - Low height, 50-ton removable foot lift furnished with pinched end steel operating lever 1 1/8" x 48".



5017

915 - Bridge jack, 15-ton, furnished with steel combination operating lever - pry-bar 1 1/8" x 36".



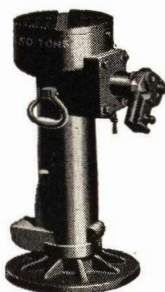
915

Jack No.	Capacity Tons	Height Inches	Raise Inches	Base Diam. Inches	Head Diam. Inches	Foot Lift Height Inches	Weight Pounds
5017	50	16 1/2	7	12	5 1/2	5	191
915	15	14 1/4	9	6 x 7 1/2	2 3/4	—	42

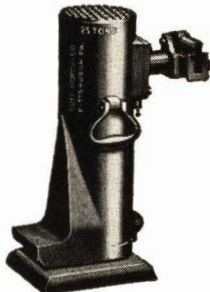
HEAVY DUTY SCREW JACKS



5024-W



B-5024



B-2526

5024-W - Removable foot lift 50-ton. Furnished with steel combination operating lever-pry bar 1 1/8 inch x 48 inches. Large head - 50-tons. Furnished with steel combination operating lever-pry bar 1 1/8 inch x 42 inches. Small head - 15 and 25 ton models furnished with steel combination operating lever-pry bar 1 inch x 38 inches. 35-ton models lever 1 1/8 inch x 42 inches.

Jack No.	Capacity Tons	Height Inches	Raise Inches	Base Inches	Head Diam. Inches	Foot Lift Height Inches	Weight Pounds
B-1522	15	22	10	7 1/2 x 9 3/4	4 3/4	3	112
B-2522	25	22	10 1/4	8 x 9 3/4	5 3/4	3 1/2	137
B-2526	25	26	14 3/4	8 x 9 3/4	5 3/4	3 1/2	148
B-3522	35	22	10 3/4	9 x 10 1/2	6 1/2	3 1/2	183
B-3526	35	26	14 3/4	9 x 10 1/2	6 1/2	3 1/2	207
B-5024	50	24	10 1/2	14	10 1/4	5 1/4	289
W-5024	50	24	14	13	5 1/2	3 3/4	200*
B-5027	50	27	13 1/2	14	10 1/4	5 1/4	300
93	75	26 3/4	12	14	10 1/2	5 1/4	350

*Add 55 lbs. for detachable foot lift.